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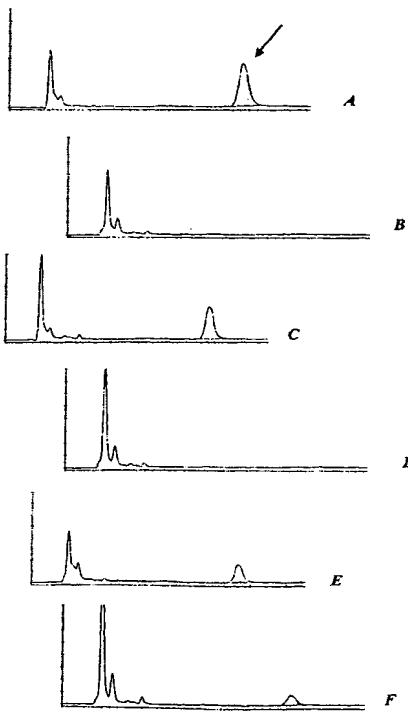
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(54) Title: SEPARATION OF UNCONJUGATED AND CONJUGATED SACCHARIDE BY SOLID PHASE EXTRACTION



(57) Abstract: The invention is based on the use of solid phase extraction for separating conjugated saccharide from unconjugated saccharide in sample, e.g. a vaccine. Solid phase extraction (SPE) provides faster and more reproducible separation of conjugated saccharides, thereby allowing quantitative separation of these saccharides. The separation of conjugated and unconjugated saccharide using SPE may be advantageously combined with a quantitative conjugate analysis to provide improved quality control for conjugate vaccines. The SPE separation is compatible with existing quantitative conjugate analysis techniques, such as high performance anion exchange chromatography with pulsed amperometric detection (HPAEC-PAD).

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